

Seed<sup>IP</sup>

September 13, 2004

Jim White

## Facsimile Transmission

JimW@SeedIP.com

**To:** Examiner Tadesse Hailu, Art Unit 2173**Fax No.:** (703) 872-9306**Phone No.:** (703) 306-2799**Re:** IDS to be initiated by Examiner**Your Ref.:** Application Serial No. 09/724,777, Filed November 28, 2000  
TITLE: REQUESTING COMPUTER USER'S CONTEXT DATA**Seed IP Ref.:** 890057.419C1**No. of Pages:** 5 (including this page)If you do not receive all pages, please call Michelle Tennant at (206) 622-4900 or fax our office.☒ Urgent☐ For Review☐ Please Confirm  
Receipt☒ Please Reply  
ASAP**Comments:****Examiner Hailu:**

Please find attached, the initialed portion of Forms PTO-1449 for the above-identified application. In preparation for filing the Issue Fee, it became apparent that a section of page 3 (attached) was inadvertently not initialed. Please review the uninitialed cited art on the attached form and initial and return to our office as soon as possible, as our issue fee payment is due September 15, 2004. Thank you.

**Transmission Information:****Date:****Time:****By:****CONFIDENTIALITY NOTICE:**

The information contained in this facsimile message is legally privileged and/or confidential information intended only for the use of the addressee named above. If you are not the intended recipient, you are hereby notified that any use, dissemination, distribution, or copying of this facsimile or its content is strictly prohibited. If you have received this facsimile in error, please immediately notify us by telephone and return the original facsimile message to us by mail or destroy it without making a copy. Thank you.

BEST AVAILABLE COPY

Seed Intellectual Property Law Group PLLC

address 701 Fifth Avenue  
Suite 6300  
Seattle, WA 98104  
telephone 206.622.4900  
facsimile 206.682.6031  
website SeedIP.com

<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> Form PTO-1449 (Modified) (Use several sheets if necessary)				<b>COMPLETE IF KNOWN</b>	
				Application Number <u>MT24,777</u>	
				Confirmation Number <u>7668</u>	
				Filing Date <u>November 28, 2000</u>	
				First Named Inventor <u>Kenneth H. Abbott</u>	
				Group Art Unit <u>2173</u>	
Sheet <u>1</u> of <u>1</u>				Examiner Name Attorney Docket No. <u>29443-8019US1</u>	

**RECEIVED**

JUN 05 2002

U.S. PATENT DOCUMENTS						Technology Center 2100
Examiner Initials	Cite No.	U.S. Patent or Application		Name of Patentee or Inventor of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear
		NUMBER	Kind Code (if known)			
TH		Patent Application No. 09/724,799		Abbott et al.	11/28/00	
		Patent Application No. 09/724,892		Abbott et al.	11/28/00	
		Patent Application No. 09/724,893		Abbott et al.	11/28/00	
		Patent Application No. 09/724,894		Abbott et al.	11/28/00	
		Patent Application No. 09/724,902		Abbott et al.	11/28/00	
		Patent Application No. 09/724,932		Abbott et al.	11/28/00	
		Patent Application No. 09/724,949		Abbott et al.	11/28/00	

FOREIGN PATENT DOCUMENTS								
Examiner Initial	Cite No.	Foreign Patent or Application			Name of Patentee or Applicant of Cited Document	Date of Publication or Filing Date of Cited Document	Pages, Columns, Lines, Where Relevant Figures Appear	T
		Office	NUMBER	Kind Code (if known)				

EXAMINER <i>Tadarius</i>	DATE CONSIDERED <u>10/15/03</u>
*EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to application(s).	

Form 1449.doc

BEST AVAILABLE COPY

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A

Patent and T. Approved for use through 10/31/99. OMB 0651-0031  
Mark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO				COMPLETE IF KNOWN	
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)				Application Number	Conf. No.
				Filing Date	
				First Named Inventor	
				Group Art Unit	
				Examiner Name	
				Attorney Docket No.	
Sheet	1	of	3	294438019US1	
U.S. PATENT DOCUMENTS					
*EXAMINER INITIALS*	U.S. Patent Document NUMBER	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Relevant Figures Appear
Tt	4,916,441		Gombrich	4/10/90	
	5,032,083		Friedman	7/16/91	
	5,201,034		Matsuura et al.	4/6/93	
	5,208,449		Eastman et al.	5/4/93	
	5,214,757		Mauney et al.	5/25/93	
	5,227,614		Danickson et al.	7/13/93	
	5,335,276		Thompson et al.	8/2/94	
	5,416,730		Lookofsky	5/16/95	
	5,470,233		Fruchterman et al.	11/28/95	
	5,493,692		Theimer et al.	2/20/96	
	5,544,321		Theimer et al.	8/6/96	
	5,555,376		Theimer et al.	9/10/96	
	5,559,520		Bazegar et al.	9/24/96	
	5,568,645		Morris et al.	10/22/96	
	5,601,435		Quy	2/11/97	
	5,603,054		Theimer et al.	2/11/97	
	5,611,050		Theimer et al.	3/11/97	
	5,642,303		Small et al.	6/24/97	
	5,646,629		Loomis et al.	7/8/97	
	5,719,744		Jenkins et al.	2/17/98	
	5,726,660		Purdy et al.	3/10/98	
	5,751,260		Nappi et al.	5/12/98	
	5,781,913		Felsenstein et al.	7/14/98	
	5,790,974		Tognazzini	8/4/98	
	5,798,733		Ethridge	8/25/98	
	5,812,865		Theimer et al.	9/22/98	
	5,873,070		Buntic et al.	2/16/99	
	5,878,274		Kono et al.	3/2/99	
	5,902,347		Backman et al.	5/11/99	
	5,910,799		Carpenter et al.	6/8/99	
	5,938,721		Dussell et al.	8/17/99	
	5,948,041		Abo et al.	9/7/99	
	5,959,611		Smailagic et al.	9/28/99	
	5,991,687		Hale et al.	11/23/99	
	6,014,638		Burge et al.	1/11/00	
	6,047,301		Bjorklund et al.	4/4/00	
	6,064,943		Clark, Jr. et al.	5/16/00	
	6,108,197		Janik	8/22/00	
	6,127,990		Zwern	8/3/00	
EXAMINER			DATE CONSIDERED		
Tadema Hal			10/15/03		
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).					

Q:\Client\Yangis (29443)\8019 - CM pull model\US01 - non-provisional\SB08.doc

PAGE 3/5 \* RCVD AT 9/13/2004 4:29:56 PM [Eastern Daylight Time] \* SVR:USPTO-EFXRF-1/1 \* DNIS:8729306 \* CSID:1 206 682 6031 \* DURATION (mm-ss):02-10

BEST AVAILABLE COPY

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A

Approved for use through 10/31/99. OMB 0651-0031

Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)				<b>COMPLETE IF KNOWN</b>			
				Application Number	09/724,777	Cont. No.	7668
				Filing Date	November 28, 2004	<div style="border: 1px solid black; padding: 5px; text-align: center;"> <b>RECEIVED</b>  <b>MAY 24 2005</b>  <b>Technology Center</b> </div>	
				First Named Inventor	Kenneth H. Abbot		
				Group Art Unit	2173		
				Examiner Name	Unknown		
Attorney Docket No.	294438019US						
Sheet	2	of	3				

FOREIGN PATENT DOCUMENTS						
*EXAMINER INITIALS	Office	Kind Code (if known)	Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
	EPO	EP 0823 813A2	Kopin Corporation	2/11/98		
	JPO	05260188	Matsushita Electric Ind. Co. Ltd.	10/8/93	Abstract Only	
	JPO	09091112	Toshiba Corp.	4/4/97	Abstract Only	
	PCT	WO 90/08361	The Scott Fetzer Company	7/26/90		
	PCT	WO 97/03434	Virtual IO, Inc.	1/30/97		

OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS										
*EXAMINER INITIALS	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.					T				
TH	*	"Affective Understanding: Modeling and Responding to User Affect," <a href="http://www.media.mit.edu/affect/AC_research/understanding.html">http://www.media.mit.edu/affect/AC_research/understanding.html</a> , pp. 1-3 [Accessed 2 Oct 1998].								
	*	"Alps GlidePoint," <a href="http://www.alps.com/p17.html">http://www.alps.com/p17.html</a> , p. 1 [Accessed 2 Oct 1998].								
	*	"GyroPoint Technology," <a href="http://www.gyratation.com/html/gyropoint.html">http://www.gyratation.com/html/gyropoint.html</a> , pp. 1-3 [Accessed 2 Oct 1998].								
	*	"Haptics," <a href="http://www.ai.mit.edu/projects/handarm-haptics/haptics.html">http://www.ai.mit.edu/projects/handarm-haptics/haptics.html</a> , pp. 1-2 [Accessed 2 Oct 1998].								
	*	"Research Areas in Affective Computing," <a href="http://www.media.mit.edu/affect/">http://www.media.mit.edu/affect/</a> , p. 1 [Accessed 2 Oct 1998].								
	*	"Research on Affective Pattern Recognition and Modeling," <a href="http://www.media.mit.edu/affect/AC_research/recognizing.html">http://www.media.mit.edu/affect/AC_research/recognizing.html</a> , pp. 1-4 [Accessed 2 Oct 1998].								
	*	"Research on Sensing Human Affect," <a href="http://www.media.mit.edu/affect/AC_research/sensing.html">http://www.media.mit.edu/affect/AC_research/sensing.html</a> , pp. 1-5 [Accessed 2 Oct 1998].								
	*	"Smart Rooms," <a href="http://vismod.www.media.mit.edu/vismod/demos/smartroom/">http://vismod.www.media.mit.edu/vismod/demos/smartroom/</a> , pp. 1-3 [Accessed 2 Oct 1998].								
	*	"SmartDesk Home Page," <a href="http://vismod.www.media.mit.edu/vismod/demos/smartdesk/">http://vismod.www.media.mit.edu/vismod/demos/smartdesk/</a> , pp. 1-4 [Accessed 2 Oct 1998].								
	*	"The MIT Wearable Computing Web Page," <a href="http://wearables.www.media.mit.edu/projects/wearables/">http://wearables.www.media.mit.edu/projects/wearables/</a> , pp. 1-3 [Accessed 2 Oct 1998].								
	*	"Wearable Computer Systems for Affective Computing," <a href="http://www.media.mit.edu/affect/AC_research/wearables.html">http://www.media.mit.edu/affect/AC_research/wearables.html</a> , pp. 1-5 [Accessed 2 Oct 1998].								
	**	Aoki, Hisashi et al., "Realtime Personal Positioning System for a Wearable Computer," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999								
	*	Bauer et al., "A Collaborative Wearable System with Remote Sensing," University of Oregon, February 1996								
	*	Billingshurst, Mark and Thad Stamer, "New Ways to Manage Information," <i>IEEE</i> , pp. 57-64, January 1999.								
	**	Bowerskill, J. et al., "Wearable Location Mediated Telecommunications: A First Step Towards Contextual Communication," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999								
	**	Dey, Anind K. et al., "The Conference Assistant: Combining Context-Awareness with Wearable Computing," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999								
	*	Finger et al., "Rapid Design and Manufacture of Wearable Computers," <i>Communication of the ACM</i> , Vol. 39, No. 2, February 1996, pp. 63-68								
	**	Goldring, Andrew and Neal Leah, "Indoor Navigation Using a Diverse Set of Cheap, Wearable Sensors," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999								
	*	Hilli et al., "Towards Situated Computing," Hewlett-Packard Laboratories, HPL-97-66 (1997).								
	*	Kirsch, Dana, "The Sentic Mouse: A tool for measuring emotional valence," <a href="http://www.media.mit.edu/affect/AC_research/projects/sentic_mouse.html">http://www.media.mit.edu/affect/AC_research/projects/sentic_mouse.html</a> , pp. 1-2 [Accessed 2 Oct 1998].								
	*	Kortuem et al., "Context-Aware, Adaptive Wearable Computers as Remote Interfaces to Intelligent Environments," University of Oregon, October 1998								
	**	Kortuem, Gerd, "When Cyborgs Meet: Building Communities of Cooperating Wearable Agents," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999								
EXAMINER	DATE CONSIDERED									
	10/15/03									
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).										

Q:\Clients\Tangis (29443)\8019 - CM pull model\US01 - non-provisional\SB08.doc

PAGE 4/5 \* RCVD AT 9/13/2004 4:29:56 PM [Eastern Daylight Time] \* SVR:USPTO-EFXXF-111 \* DNIS:8729306 \* CSID:1 206 682 6031 \* DURATION (mm-ss):02-10

BEST AVAILABLE COPY

Please type a plus sign (+) inside this box → ☐

PTO/SB/08A

Patent and Trademark Office proved for use through 10/31/99. OMB 0651-0031  
Jk Office: U.S. DEPARTMENT OF COMMERCE

Substitute for form 1449A/PTO		O I P E MAY 2 1 2002 TRADEMARK OFFICE		COMPLETE IF KNOWN		
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (use as many sheets as necessary)		Application Number	09/724,777	Conf. No.	7668	
		Filing Date	November 28, 1999	<b>RECEIVED</b> MAY 24 2002 Technology Center 2100		
		First Named Inventor	Kenneth H. Abbott			
		Group Art Unit	2173			
		Examiner Name	Unknown	Attorney Docket No.	294438019	
Sheet	3	of	3			
<b>OTHER PRIOR ART-NON PATENT LITERATURE DOCUMENTS</b>						
*EXAMINER INITIALS		Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume, issue number(s), publisher, city and/or country where published.				T
TH	*	Lashkari, Yezdi et al., "Collaborative Interface Agents," Proceedings of AAAI '94 Conference, Seattle, Washington, August 1994				
	**	Lehikoinen, Juha et al., "MEX: A Distributed Software Architecture for Wearable Computers," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999				
	**	Leonhardt, Alexander et al., "Virtual Information Towers - A Metaphor for Intuitive, Location-Aware Information Access in a Mobile Environment," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999				
	*	Lunt, Teresa F. et al., "Knowledge-Based Intrusion Detection," Proceedings of the Annual Artificial Intelligence Systems in Government Conference, IEEE Comp. Soc. Press, Vol. Conf. 4, 1989, pages 102-107.				
	*	Maes, Partie, "Agents That Reduce Work and Information Overload," Communications of the ACM, Vol. 37, No. 7, July 1994				
	*	Mann, Steve, "Smart Clothing: Wearable Multimedia Computing and Personal Imaging to Restore the Technological Balance Between People and Their Environments," ACM Multimedia, November 1996, pp. 163-174				
	*	Melz, Cade, "MIT: Wearable PCs, Electronic Ink, and Smart Rooms," PC Magazine, pp. 192-193, June 1998.				
	*	Oakes, Chris, "The Truman Show Realized?," <a href="http://www.wired.com/news/news/technology/story/15745.html">http://www.wired.com/news/news/technology/story/15745.html</a> , pp. 1-4 [Accessed 21 Oct 1998].				
	*	Picard, R.W. and Healey, J., "Affective Wearables," Personal Technologies vol. 1: 231-240, MIT Media Laboratory (1997).				
	*	Rekimoto et al., "The World through the Computer: Computer Augmented Interaction with Real World Environments," ACM, November 1995, pp. 29-36				
	*	Rhodes, Bradley, "WIMP Interface Considered Fatal," <a href="http://rhodes.www.media.mit.edu/people/rhodes/Papers/no-wimp.html">http://rhodes.www.media.mit.edu/people/rhodes/Papers/no-wimp.html</a> , pp. 1-3 [Accessed 2 Oct 1998].				
	*	Rhodes, Bradley, J., "The Wearable Remembrance Agent: A System for Augmented Memory," Proceedings of the First International Symposium on Wearable Computers (ISWC 97), Cambridge, MA, October 13-14, 1997				
	*	Sato, J. et al., "Autonomous Behavior Control of Virtual Actors Based on the AIR Model," Proceedings Computer Animation, June 5, 1997.				
	**	Schneider, Jay and Jim Suruda, "Modeling Wearable Negotiation in an Opportunistic Task Oriented Domain," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19 1999				
	*	Smailagic et al., "Matching interface design with user task: Modalities of Interaction with CMU Wearable Computers," IEEE Personal Communications, February 1996, pp. 14-25				
	**	Smailagic, Asim et al., "MoCCA: A Mobile Communication and Computing Architecture," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999				
	*	Starnes et al., "Visual Contextual Awareness in Wearable Computing," Media Lab, MIT, October 1998				
	*	Tan, Hong Z. and Alex Pentland, "Tactical Displays for Wearable Computing," IEEE, Massachusetts Institute of Technology Media Laboratory, pp. 84-88, 1997.				
	**	Yang, Jie et al., "Smart Sight: A Tourist Assistant System," 3 <sup>rd</sup> International Symposium on Wearable Computers, San Francisco, California, October 18-19, 1999				

EXAMINER <i>Tedese</i>	DATE CONSIDERED <i>10/15/03</i>
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s).	